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Old LaSalle Dump
ILD 984774950
Superfund/HRS

A large, simple black outline of the state of Illinois, centered on the page. The text of the title is superimposed on this outline.

CERCLA

Screening Site Inspection Report



**Illinois Environmental
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1. INTRODUCTION

On September 24, 1991, the Illinois Environmental Protection Agency's (IEPA) Site Assessment Program was tasked by the United States Environmental Protection Agency (U.S. E.P.A. to conduct a CERCLA Screening Site Inspection of the Old LaSalle Dump site located in LaSalle, Illinois.

The Old LaSalle Dump was initially placed on CERCLIS (Comprehensive Environmental Response, Compensation and Liability Act Information System) in June of 1989 as a result of a request for discovery action initiated by the IEPA. This action was taken as a result of complaints from LaSalle residents concerning previous waste disposal practices at the site.

The facility received its initial CERCLA evaluation in the form of a Preliminary Assessment (PA) report that was completed by Ms. Karen Petefish of the IEPA in March of 1990. In May of 1992, the IEPA's Site Assessment Program prepared and submitted to the Region V offices of the U.S. EPA a Screening Site Inspection work plan for the Old LaSalle Dump site. The sampling portion of the Screening Site Inspection was conducted on May 6, 1992 when the sampling team collected a total of ten soil and five sediment samples.

The purposes of a Screening Site Inspection have been stated by the U.S. EPA in a directive outlining Pre-Remedial program

strategies. The directive states:

All sites will receive a screening SI to 1) collect additional data beyond the PA to enable a more refined preliminary HRS [Hazard Ranking System] score, 2) establish priorities among sites most likely to qualify for the NPL [National Priorities List], and 3) identify the most critical data requirements for the Listing SI step. A screening SI will not have rigorous data quality objectives (DQOs). Based on the refined preliminary HRS score and other technical judgement factors, the site will then either be designated as NFRAP [no further remedial action planned], or carried forward as an NPL listing candidate. A Listing SI will not automatically be done on these site, however. First, they will go through a management evaluation to determine whether they can be addressed by another authority such as RCRA [Resource Conservation and Recovery Act]... Sites that are designated NFRAP or deferred to other statutes are not candidates for a Listing SI.

The Listing SI will address all the data requirements of the revised HRS using field screening and NPL level DQOs. It may also provide needed data in a format to support remedial investigation work plan development. Only sites that appear to score high enough for listing and that have not been deferred by another authority will receive a Listing SI (U.S. EPA 1988).

The Region V offices of the U.S. EPA have also requested that the IEPA identify sites during the Screening Site Inspection that may require removal action to remediate an immediate human health and/or environmental threat.

2. SITE BACKGROUND

2.1 INTRODUCTION

This section includes information obtained over the course of the formal CERCLA preliminary assessment, Screening Site Inspection investigation and previous IEPA activities involving this site.

2.2 SITE DESCRIPTION

The Old LaSalle Dump is an approximately six acre inactive dump site located within the annual floodplain of the Illinois River (see Figures 2-1 and 2-2). The site is legally described as being located in the east half of the northwest quarter of Section 22, Township 33 north, Range 1 east in LaSalle County, Illinois. Surrounding the site on its north, west and south sides is Huse Lake, a backwater lake of the Illinois River. To the east of the site is route 351 and wetland areas. The city of LaSalle, situated on the bluff of the Illinois River, is one thousand feet to the north. Approximately 800 feet north of the site is the Illinois and Michigan Canal, a National Historic Landmark. A four-mile radius map of the area surrounding the Old LaSalle Dump site and a fifteen mile surface water drainage map are provided in Appendix A and Appendix B of this report.

When the Old LaSalle Dump was closed, "clean fill" including bricks, concrete slabs, wood and a wide variety of other construction-type wastes was placed over most of the site.

SITE LOCATION

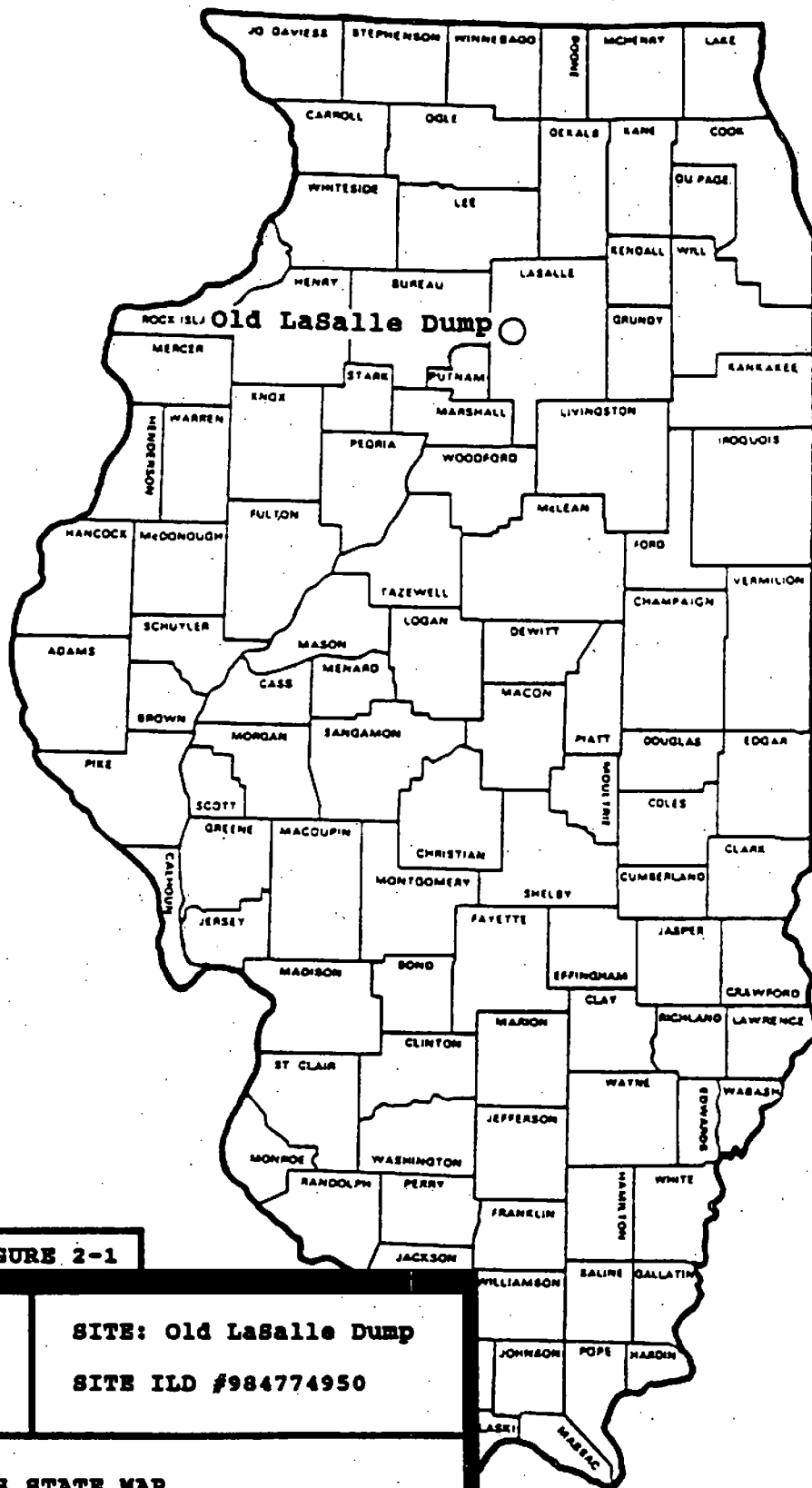
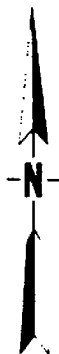


FIGURE 2-1

ILLINOIS ENVIRONMENTAL
PROTECTION AGENCY

SITE: Old LaSalle Dump
SITE ID #984774950

ILLINOIS STATE MAP

LEGEND: ○ Site Location

SITE TOPOGRAPHY OLD LASALLE DUMP

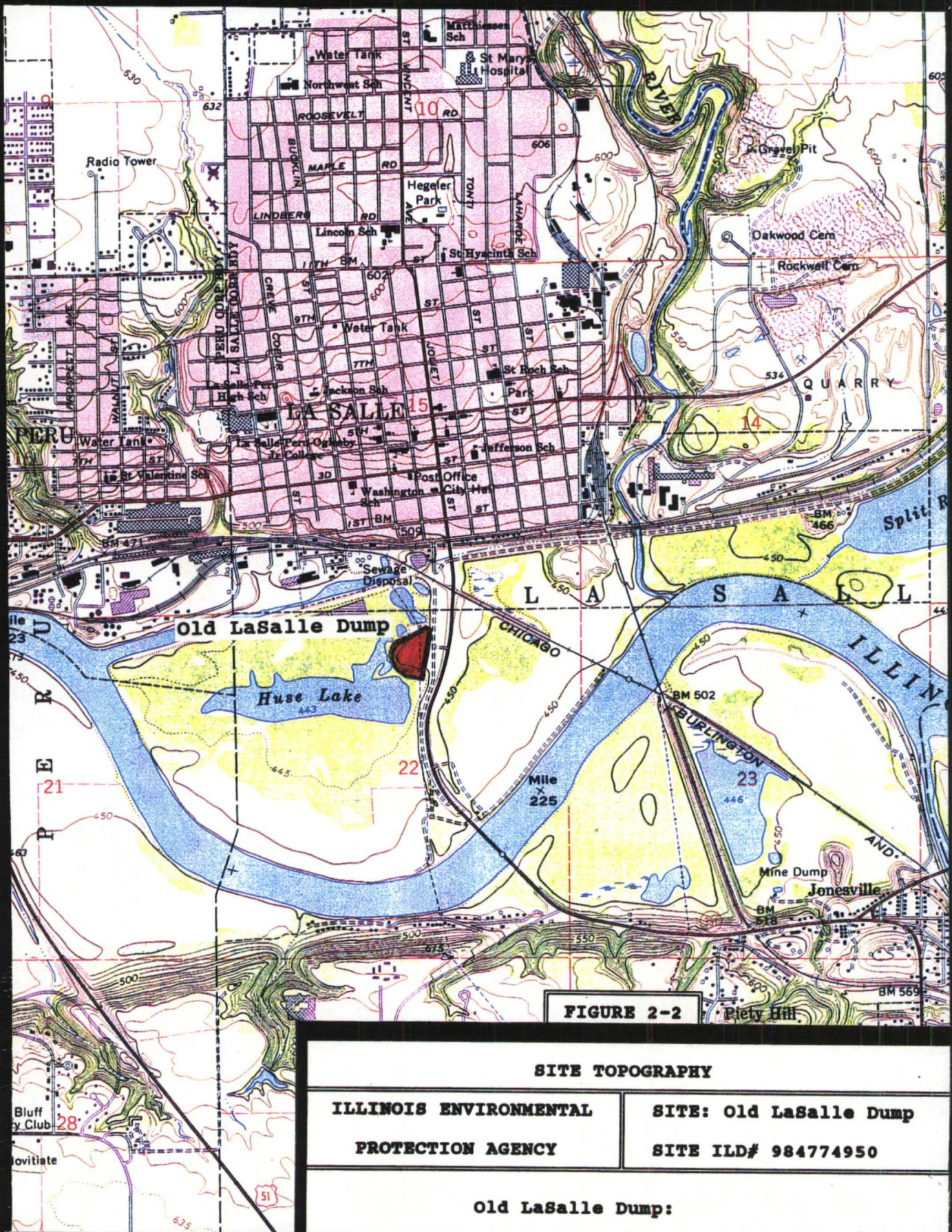


FIGURE 2-2

SITE TOPOGRAPHY

**ILLINOIS ENVIRONMENTAL
PROTECTION AGENCY**

**SITE: Old LaSalle Dump
SITE ILD# 984774950**

Old LaSalle Dump:

**SOURCE: USGS 7.5 Minute Topographic Series, LaSalle
Quadrangle, 1979**



SOURCE: IDOT, 1992. AERIAL PHOTOGRAPH.

APPROXIMATE SCALE: 1" = 200 FEET



1988 AERIAL PHOTOGRAPH

FIGURE 2-3



SOURCE: IDOT, 1992. AERIAL PHOTOGRAPH.

APPROXIMATE SCALE: 1" = 200 FEET



1958 AERIAL PHOTOGRAPH

FIGURE 2-4

This action resulted in a highly permeable cap over the dump. Since the time of the placement of the fill, the dump has become fairly well vegetated with grasses and trees over most of the area of previous deposition. Corroding metal barrels, scrap metals, concrete slabs, and general refuse is scattered throughout the site with some materials protruding through the surface of the soil. In the northern section of the site are several corroded and broken capacitors either at the surface or protruding from the soil.

2.3 SITE HISTORY

According to the CERCLA Preliminary Assessment Report the Old LaSalle Dump was used as a general refuse disposal area for the city of LaSalle from the early 1930's until approximately 1966. While in operation the landfill was operated by the city of LaSalle, although they were not the owners of the land. The site property and adjacent property has been owned by the Duncan family for about one hundred years. This property is presently held in a land trust whereby about sixteen family members hold part ownership.

It is believed that during its years of operation a wide variety of residential and industrial wastes were deposited at the Old LaSalle Dump. Allegedly, LaSalle's Electric Utility Company (EUC) disposed of wastes at the site in the 1960's. According to former employees of EUC and a former city official, EUC dumped rejected capacitors containing

Polychlorinated Biphenyl (PCB) oil, cleaning solvents and contaminated barrels into the dump. According to a resident who previously trucked waste to the landfill, EUC would ship one to two truck tandem loads (10 cubic yards per tandem) of waste to the Old LaSalle Dump at least once and sometimes twice per week in the early to mid 1960's. The city of LaSalle closed the dump in about 1966 and then allowed people to deposit clean fill over the dump, resulting in a highly permeable cover or cap on the dump. Prior to its use as a dump the site was a wetland. Currently the land is undeveloped and not utilized for any specific purposes.

3. SITE INSPECTION ACTIVITIES AND ANALYTICAL RESULTS

3.1 INTRODUCTION

This section outlines procedures utilized and observations made during the CERCLA Screening Site Inspection conducted at the Old LaSalle Dump site. Specific portions of this section contain information pertaining to the reconnaissance inspection, site representative interview, and field sampling procedures. Also included in this section is information about the soil/sediment samples that were collected during the Screening Site Inspection. This is followed by a description of the analytical results and a table indicating the Key Samples and their contaminants.

The Screening Site Inspection for the Old LaSalle Dump site was conducted in accordance with the site inspection work plan which was developed and submitted to the U.S. EPA Region V offices prior to the initiation of field activities. The U.S. EPA Potential Hazardous Waste Site Inspection Report (Form 2070-13) for the Old LaSalle Dump site is located in Appendix C of this report.

3.2 RECONNAISSANCE INSPECTION

On April 8, 1992, Mr. Alan Kirwin of the IEPA conducted the initial CERCLA Screening Site Inspection Reconnaissance inspection of the Old LaSalle Dump site. The reconnaissance inspection included a visual inspection of the site to determine the locations of wastes present, the integrity of

the containment of the site, identification of potential on and off-site sampling locations and requirements, and a survey of surrounding land use. During the reconnaissance inspection, it was determined that Level D personal protection equipment could be worn during sampling activities unless air monitoring detected any concentrations over background. In the event that levels of concentrations over background were detected, the following levels of personal protection equipment were to be worn:

- 0-5 units - Level C
- 5-50 units - Level B
- 50-500 units - Level A.

The reconnaissance confirmed the fact that the Old LaSalle Dump site is located off of Route 351, south of LaSalle, Illinois. The site is approximately six acres in size and surrounded by Huse Lake on its north, west and south sides. To the east of the site is Route 351 and wetland areas. The site is fairly well vegetated with grasses and trees. Fill, including corroding metal barrels, scrap metals, concrete slabs, and general refuse, is scattered throughout the site with some materials protruding through the soil surface. At the northern end of the site are several corroded and broken capacitors either at the surface or protruding from the soil.

3.3 SITE REPRESENTATIVE INTERVIEW

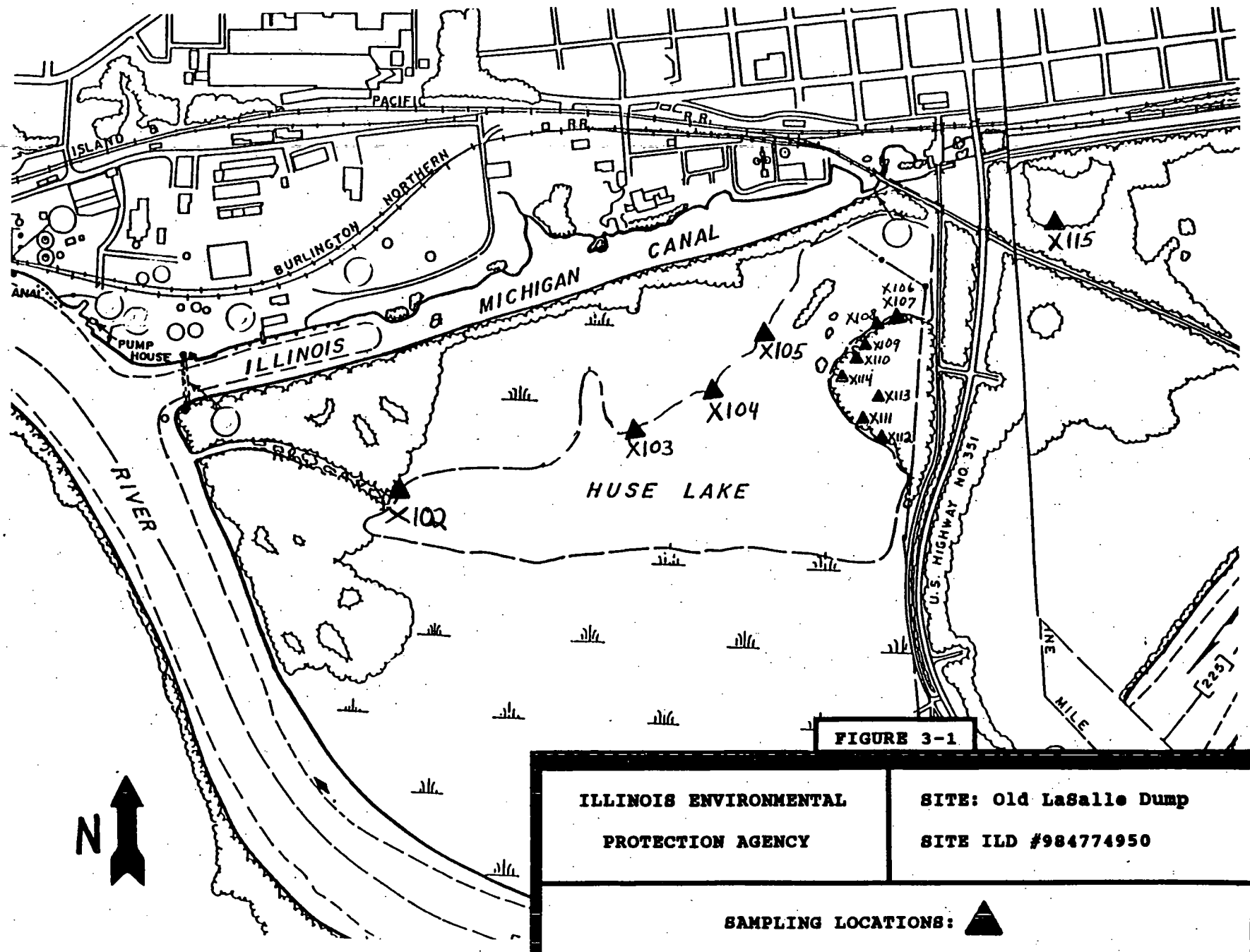
On May 6, 1992, a site representative interview was held at the law office of Mr. John Duncan, partial owner of the site.

Representing the IEPA was Mr. Alan Kirwan. Mr. Duncan was present as the site representative. Sampling activities were discussed with Mr. Duncan and he declined to split samples with the IEPA. Mr. Duncan traveled to the site after the interview in order to view the north area of the site where sampling of discarded, corroded capacitors was to take place. Mr. Duncan left the site before sampling activities began.

3.4 SOIL/SEDIMENT SAMPLING

On May 6, 1992, IEPA personnel collected ten soil and five sediment samples for the purpose of determining if areas of contamination were present at the Old LaSalle Dump site and surrounding area (see Figures 3-1 and 3-2 on the following two pages for sampling locations). Table 3-1 describes each of the soil/sediment samples with their location, depth and physical appearance noted. Due to the cover of fill that includes bricks, concrete slabs, and wood, it was impossible for the field investigators to sample the soil in many areas. In addition, some soil samples could not be taken as deeply as desired. The shallow soil/sediment samples were collected with stainless steel spoons and trowels, whereas the deeper soil samples were collected with stainless steel bucket augers. The soil was transferred directly into the sample jars from the sampling device. Before the spoons, trowels or bucket augers were used at the site, each had been decontaminated at the IEPA's Warehouse. Decontamination procedures are discussed in Section 3-7 of this report.

SOIL/SEDIMENT
SAMPLE LOCATION MAP



SOURCE: Army Corps of Engineers; Stream Mile Map

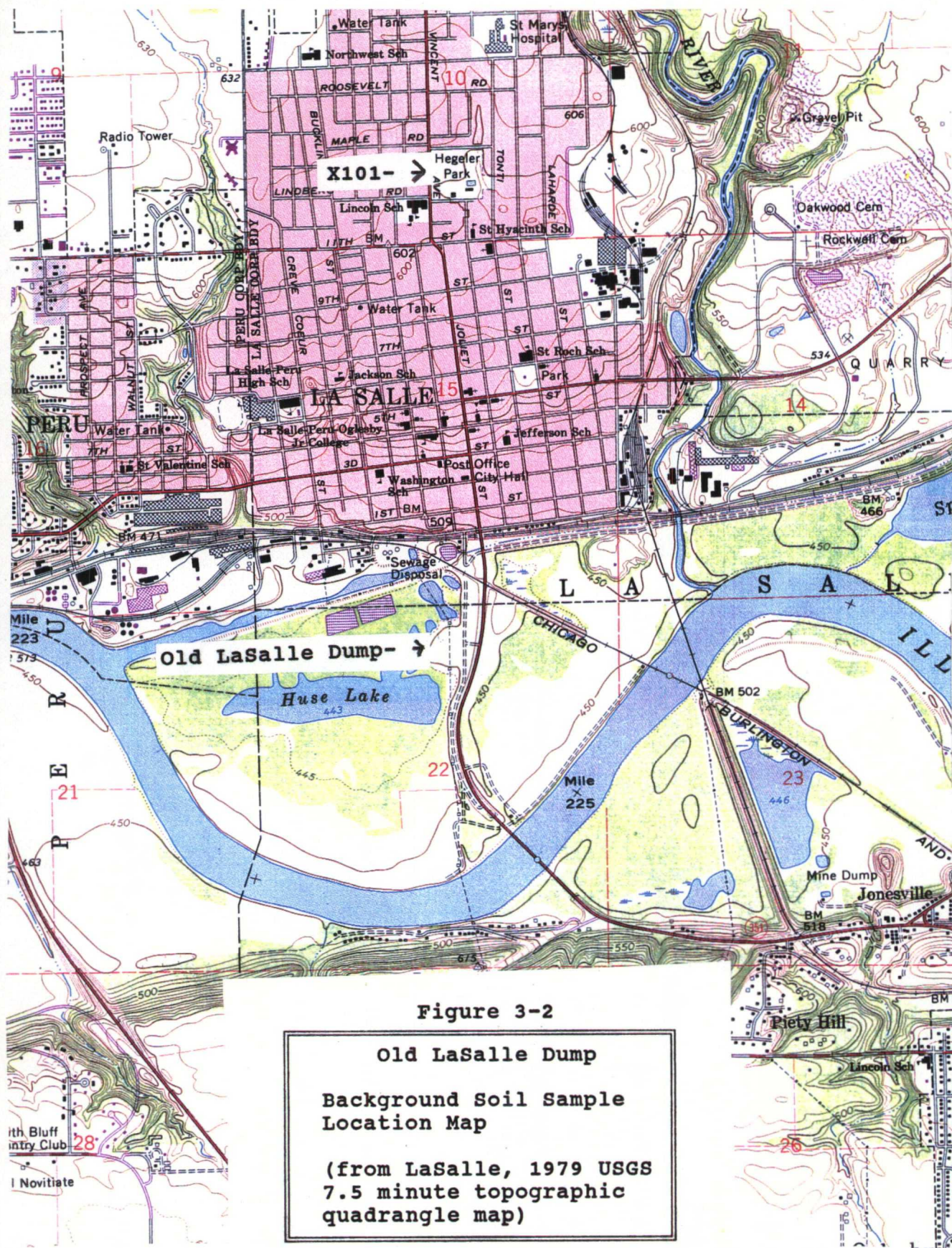


TABLE 3-X1

SOIL SAMPLE DESCRIPTIONS

Sample	Depth (inches)	Appearance	Location
X101 Background	1 - 5	Brown silty loam	Hegeler Park; 50' west of NW corner of guard rail in parking lot
X102 Sediment	0 - 6	Dark brown clayey silt	Near entrance to channel that leads from Huse Lake into the Illinois River
X103 Sediment	0 - 6	Dark brown clayey silt	4/10 mile west of Rt.351; 900' south of I & M Canal
X104 Sediment	0 - 6	Dark brown clayey silt	1400' west of Rt. 351; 650' south of sludge lagoons
X105 Sediment	0 - 6	Dark brown clayey silt	1150' west of Rt.351; 400' south of sludge lagoons
X106 Soil	0 - 3	Dark brown silty fill w/ capacitor remains of paper and foil	250' west of Rt.351; 700' south of I & M Canal; 270' west of light pole on Old Rt.51; 30' south of Huse Lake
X107 Soil	0 - 3	Same as X106	Same location as X 106
X108 Soil	0 - 3	Same as X106	300' west of Old Rt. 51; 800' south of I & M Canal; 335' west of light pole on Old Rt. 51; 3' south of Huse Lake
X109 Soil	0 - 3	Same as X106	450' west of Old Rt. 51; 800' south of I & M Canal; 475' west of light pole on Old Rt. 51; 25' south of Huse Lake
X110 Soil	0 - 8	Dark brown silty fill material	475' west of Old Rt. 51; 850' south of I & M Canal; 45' SW of X109
X111 Soil	18-24	Dark brown fill material	450' west of Rt. 351; 1450' south of I & M Canal; 300' west of Old Rt.51; 60' north of Huse Lake
X112 Soil	0 - 8	Dark brown sandy silt	350' west of Rt. 351; 1550' south of I & M Canal; 240' west of Old Rt. 51; 6' north of Huse Lake
X113 Soil	0 - 8	Dark gray silty fill material	450' west of Rt.351; 1300' south of I & M Canal
X114 Soil	12-18	Dark brown silty fill material	800' west of Rt. 351; 950' south of I & M Canal
X115 unused background	1 - 6	Dark brown sand	300' east of Rt. 351; 450' south of I & M Canal

The soil/sediment sample jars and the groundwater bottles were packaged and sealed in accordance with previously documented Pre-Remedial Program procedures. The IEPA samples were analyzed for the Target Compound List (see Appendix D) by IEPA laboratories. Photographs for the Old LaSalle Dump site inspection are provided in Appendix E of this report.

3.5 GROUNDWATER SAMPLING

No groundwater samples were collected during the May 6, 1992 Screening Site Inspection of the Old LaSalle Dump site. The reason for this is that no monitoring wells exist on or near the site and the nearest ground water well is located one-half mile to the north of the site.

3.6 SURFACE WATER SAMPLING

No surface water samples were collected during the May 6, 1992 Screening Site Inspection of the Old LaSalle Dump site. The reason for this is that sediment samples were taken to detect the contamination of surface waters.

3.7 DECONTAMINATION PROCEDURES

Standard IEPA decontamination procedures were followed prior to the collection of all samples. The procedures included the scrubbing of all equipment (spoons, pans, etc.) with a non-foaming Liquid Alconox solution, rinsing with hot tap water, rinsing with acetone, rinsing with hot tap water again

and final rinsed with distilled water. All equipment is air dried then wrapped and stored in heavy duty aluminum foil for transport to the field. Field decontamination procedures include all of the above except the hot tap water rinse.

3.8 ANALYTICAL RESULTS

This section includes a summary of the analytical results of samples collected during the Screening Site Inspection conducted at the Old LaSalle Dump site in LaSalle, Illinois. The field activities portion of the CERCLA Screening Site Inspection included the collection of ten soil and five sediment samples by the IEPA inspection team. The fifteen samples were collected to determine if any U.S. EPA Target Compound List compounds (see Appendix D) were present at the site or at potential receptors of concern. Specific compound detection limits can be found in Appendix F (the analytical section) of this report. See Figures 3-1 and 3-2 for specific sampling locations.

Despite not being able to sample as deeply in the soil as desired in some locations due to the cover of bricks, concrete slabs and other refuse, chemical analysis of the ten soil samples collected during the inspection revealed elevated concentrations of the following substances: volatiles, semi-volatiles, pesticides, metals, and common inorganic soil/sediment constituents. Sediment samples collected contained semi-volatiles, pesticides, metals and

common inorganic soil/sediment constituents. See Table 3-2 on the following two pages for a summary of the sample results. Complete laboratory analytical data for the samples are provided in Appendix F of this report.

SITE NAME: Old LaSalle Dump
ILD NUMBER: 984774950

TABLE 3-2
SUMMARY

SAMPLING POINT PARAMETER	X 101 background	X 102 sediment	X 103 sediment	X 104 sediment	X 105 sediment	X 106 soil	X 107 soil	X 108 soil
VOLATILES ug/Kg								
Methylene Chloride	---	---	---	---	---	130.0	250.0 D	---
Acetone	---	---	---	---	---	---	---	---
2-Butanone (MEK)	---	---	---	---	---	---	---	---
Toluene	6.0 J	---	---	---	---	24.0 J	---	8.0 J
Styrene	---	---	---	---	---	---	---	---
Xylene(total)	---	---	---	---	---	4.0 J	11.0 DJ	---
SEMIVOLATILES ug/Kg								
Phenanthrene	---	---	---	---	---	---	---	280.0 J
Anthracene	---	---	---	---	---	---	---	---
Fluoranthene	48.0 J	---	160.0 J	230.0 J	170.0 J	---	---	---
Pyrene	48.0 J	---	180.0 J	230.0 J	200.0 J	---	---	---
Benzo(a)anthracene	---	---	---	150.0 J	---	---	---	370.0 J
Chrysene	---	---	---	---	---	---	---	430.0 J
bis(2-Ethylhexyl)phthalate	---	---	150.0 J	---	---	---	---	---
Benzo(b)fluoranthene	---	---	---	350.0 J	350.0 J	---	---	1100.0
Benzo(k)fluoranthene	---	---	---	---	---	---	---	---
Benzo(a)pyrene	---	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pyrene	---	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	---	---	---	---	---	---	---	---
PESTICIDES ug/Kg								
delta-BHC	---	---	---	7.3 P	---	---	8800.0 P	---
gamma-BHC (Lindane)	---	---	---	---	---	---	---	5700.0 P
Heptachlor	---	---	---	---	---	---	7900.0 P	---
Aldrin	---	---	---	380.0 P	470.0 P	---	---	---
Heptachlor epoxide	---	---	---	---	---	5900.0 P	15000.0 P	---
Endosulfan I	---	---	---	---	---	15000.0	16000.0 P	---
Dieldrin	---	---	---	---	---	15000.0	16000.0 P	---
4,4'-DDE	33.0	---	---	---	---	20000.0 P	---	---
Endrin	7.2 J	9.8 P	14.0 P	60.0 PJ	72.0 PJ	4.3 R	4.3 R	---
Endosulfan II	1.2 JP	8.3 P	2.3 JP	11.0 P	13.0 P	7300.0 P	8100.0 P	1800.0 P
4,4'-DDD	---	6.8 P	---	4.9 JP	4.1 JP	1900.0 P	2500.0 P	---
Endosulfan sulfate	---	---	---	---	---	---	---	---
4,4'-DDT	16.0 P	7.0 P	4.5 JP	13.0 P	14.0 P	11000.0 P	15000.0 P	2200.0 P
Methoxychlor (Mariate)	---	---	---	---	---	---	---	37.0 P
Endrin Ketone	---	---	---	6.7 P	1.9 JP	110.0 P	150.0 P	12.0 P
alpha-Chlordane	---	8.4 P	9.1 P	---	---	---	---	4700.0 P
gamma-Chlordane	---	2.4 JP	2.3 JP	2.9 JP	---	1200.0 P	---	360.0 P
Toxaphene	---	---	---	---	600.0 P	---	---	---
Aroclor-1221	---	---	---	---	92.0 JP	29000.0 P	34000.0 P	29000.0
Aroclor-1232	130.0 P	---	---	---	---	---	---	---
Aroclor-1248	---	---	---	7500.0 P	7800.0 P	---	---	---
Aroclor-1254	---	---	---	1200.0	1300.0	---	---	---
Aroclor-1260	---	---	---	730.0	820.0	---	---	38000.0 P
INORGANICS mg/Kg								
Aluminum	23300.0	19100.0	25600.0	25800.0	25600.0	27500.0	31600.0	26500.0
Arsenic	13.3	10.8	15.6	14.7	19.5	40.0	17.5	15.2
Barium	163.0	153.0	212.0	213.0	216.0	383.0	597.0	300.0
Beryllium	0.9	1.0	1.3	1.3	1.3	0.6	0.9	0.9
Cadmium	7.7	4.9	4.8	4.0	4.6	10.6	10.3	9.3
Calcium	5120.0	39800.0	21100.0	24000.0	15300.0	22100.0	37200.0	20600.0
Chromium	29.4	57.4	72.0	71.2	70.7	99.2	83.9	106.0
Cobalt	12.2	10.7	12.9	13.0	12.4	22.0	13.9	14.7
Copper	29.9	55.1	58.3	53.1	53.0	476.0	476.0	1310.0
Iron	25700.0	26000.0	34000.0	33800.0	35500.0	209000.0	107000.0	110000.0
Lead	44.5	75.4	84.4	86.7	217.0	1021.0	1042.0	492.0
Magnesium	3640.0	15300.0	10600.0	11300.0	8760.0	6800.0	15000.0	6740.0
Manganese	676.0	582.0	672.0	803.0	1000.0	1530.0	1380.0	1370.0
Mercury	0.0 B	0.4	0.5	0.4	0.5	0.8	0.5	0.4
Nickel	23.0	39.2	52.0	47.3	44.9	80.5	79.0	86.5
Potassium	2090.0	3750.0	4230.0	4420.0	4120.0	1770.0	2670.0	2780.0
Selenium	---	---	1.4	2.0	---	0.9	1.2	0.3 B
Silver	---	---	---	---	---	---	---	---
Sodium	---	---	---	---	---	---	469.0	---
Thallium	0.4 B	---	---	---	---	---	---	---
Vanadium	46.1	37.7	48.0	48.4	48.7	34.0	35.2	40.9
Zinc	812.0	487.0	539.0	569.0	713.0	2130.0	2500.0	2260.0
Cyanide	---	1.9	---	---	---	---	---	---

SITE NAME: Old LaSalle Dump
 ILD NUMBER: 984774950

TABLE 3-2
 SUMMARY cont.

SAMPLING POINT	X 109	X 110	X 111	X 112	X 113	X 114
PARAMETER	soil	soil	soil	soil	soil	soil
VOLATILES ug/Kg						
Methylene Chloride	120.0	230.0	71.0	--	59.0	120.0
Acetone	--	--	--	--	--	--
2-Butanone (MEK)	--	--	--	--	--	--
Toluene	19.0	17.0 J	3.0 J	--	6.0 J	14.0
Styrene	--	--	--	--	--	3.0 J
Xylene (total)	--	--	4.0 J	--	--	6.0 J
SEMIVOLATILES ug/Kg						
Phenanthrene	1300.0 J	6600.0 DJ	960.0 J	960.0 J	310.0 J	--
Anthracene	--	960.0 DJ	--	--	--	--
Fluoranthene	1700.0 J	6500.0 DJ	1200.0 J	1200.0 J	530.0	--
Pyrene	2000.0 J	7000.0 DJ	1200.0 J	1200.0 J	500.0	--
Benzo(a)anthracene	1000.0 J	3300.0 DJ	--	--	--	--
Chrysene	1100.0 J	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	--	--	--	--	--	--
Benzo(b)fluoranthene	--	2500.0 DJ	--	--	280.0 J	--
Benzo(k)fluoranthene	--	2800.0 DJ	--	--	--	--
Benzo(a)pyrene	--	2700.0 DJ	--	--	--	--
Indeno(1,2,3-cd)pyrene	--	1300.0 DJ	--	--	--	--
Benzo(g,h,i)perylene	--	3000.0	--	--	--	--
PESTICIDES ug/Kg						
delta-BHC	--	--	--	--	--	--
gamma-BHC (Lindane)	--	--	--	--	--	--
Heptachlor	--	--	--	--	--	--
Aldrin	8400.0 P	210.0 P	200.0 P	170.0 P	210.0 P	470.0 P
Heptachlor epoxide	--	7.5 P	--	--	--	--
Endosulfan I	--	--	--	--	--	--
Dieldrin	--	--	--	--	--	--
4,4'-DDE	--	--	490.0	--	--	--
Endrin	--	--	260.0 J	4.9 R	--	390.0 P
Endosulfan II	490.0 P	57.0 P	--	9.2 P	14.0 P	110.0 P
4,4'-DDD	190.0	57.0 P	300.0 P	--	--	40.0 P
Endosulfan sulfate	53.0 P	--	4.7 P	3.6 JP	--	24.0 P
4,4'-DDT	770.0 P	8.1 P	2000.0 P	12.0 P	30.0 P	150.0 P
Methoxychlor (Mariate)	--	--	--	--	--	--
Endrin Ketone	--	35.0 PJN	38.0 P	8.0 PJN	--	--
alpha-Chlordane	--	--	590.0 J	3.5 J	--	--
gamma-Chlordane	100.0 P	85.0 P	340.0 PJ	--	1.6 JP	22.0 PJ
Toxaphene	--	--	3600.0 P	--	--	2200.0 P
Aroclor-1221	1800.0 P	--	240.0 P	--	--	--
Aroclor-1232	--	--	--	--	--	--
Aroclor-1248	160000.0 P	6400.0 P	6700.0 P	4500.0 P	6300.0 P	11000.0 P
Aroclor-1254	--	1700.0 P	3000.0 P	770.0 P	1000.0 P	4400.0 P
Aroclor-1260	13000.0 P	--	1500.0	--	--	--
INORGANICS mg/Kg						
Aluminum	28000.0	10600.0	12600.0	19200.0	19700.0	14100.0
Arsenic	14.4	18.3	11.2	13.4	8.2	13.3
Barium	145.4	159.0	1220.0	300.0	194.0	181.0
Beryllium	2.2	2.2	0.8	1.3	1.0	0.9
Cadmium	24.4	214.0	9.2	2.8	--	6.3
Calcium	18200.0	9410.0	63600.0	44700.0	29000.0	25900.0
Chromium	43.2	25.3	35.8	39.4	31.3	417.0
Cobalt	13.0	27.5	8.3	14.5	9.6	29.8
Copper	69.9	300.0	111.0	52.5	30.6	2230.0
Iron	54500.0	67700.0	22200.0	28900.0	22800.0	200000.0
Lead	377.0	879.0	878.0	537.0	41.9	669.0
Magnesium	9000.0	2760.0	19000.0	11400.0	6970.0	6580.0
Manganese	339.0	503.0	541.0	914.0	531.0	1410.0
Mercury	3.1	2.4	1.0	0.1 B	0.1 B	0.2
Nickel	53.0	47.3	49.0	36.3	28.9	330.0
Potassium	4160.0	2190.0	2710.0	3460.0	2580.0	1630.0
Selenium	458.0 B	2.5	--	--	--	0.5
Silver	0.7 B	--	--	--	--	--
Sodium	48.7	524.0	--	--	--	300.0 B
Thallium	5560.0	--	--	--	--	--
Vanadium	--	31.9	26.6	36.8	37.8	29.7
Zinc	--	29900.0	1810.0	999.0	167.0	2280.0
Cyanide	--	--	--	--	--	--

3.9 KEY SAMPLES

Samples collected during the Screening Site Inspection of the Old LaSalle Dump site indicate concentrations of contaminants at levels that are significantly above background at several sampling points. Initially, two background samples were intended to be used; X101 (in Hegeler Park) and X115 (in a nearby wetland). Following the CERCLA Screening Site Inspection sampling event, it was discovered that sample X115 was taken in an area that was previously used as a dump site. Consequently, all the analytical data from site samples has been compared to background sample X101. Table 3-3 on the following page highlights the key samples analysis noted during the Old LaSalle Dump Screening Site Inspection. For a more detailed sample analysis, refer to Table 3-3 sample summary located on the previous two pages.

4. IDENTIFICATION OF SOURCES

4.1 INTRODUCTION

In this section the author will briefly discuss the hazardous waste source which has been identified in the initial stages of the CERCLA site investigation.

Information concerning the size, volume and waste composition of the source has been derived throughout the initial site assessment reconnaissance visit and the screening site inspection sampling action. It should be pointed out, however, that the total number and nature of the sources identified below may be subject to change. The delineation of the site may change as the facility progresses through the CERCLA site assessment program and receives further investigation.

4.2 Landfill

The Old LaSalle Dump is approximately six acres in size and was used as a general refuse disposal area from the early 1930's until approximately 1966. During this time, it accepted a great variety of wastes, the contents of which are not entirely known. During the 1960's, LaSalle's Electric Utility Company allegedly disposed of rejected capacitors, cleaning solvents and contaminated barrels in the dump. The rejected capacitors that were dumped contained polychlorinated biphenyl (PCB) oil. According to a resident who used to truck waste to the landfill, EUC would have one

to two truck tandem loads (10 cubic yards per tandem) hauled to the Old LaSalle Dump at least once per week and sometimes twice per week in the early to mid-1960's. The area of this dumping was on the northern section of the site and during the site reconnaissance several capacitor remains were seen protruding from the soil in this area of the site. Soil samples X106, X107, X108 and X109 were taken near these capacitors. Analytically significant levels of numerous pesticides (including PCB's) and inorganics were detected in these samples. The presence of elevated concentrations of certain inorganics that are associated with industrial processes (such as barium, cadmium, copper, lead, nickel and zinc) suggests that the Old LaSalle Dump was utilized as a dump site for industries of the area. To help determine the extent of on-site contamination, soil samples X110, X111, X112, X113 and X114 were taken at various locations throughout the dump site. The results of these samples show that analytically significant levels of semi-volatiles, pesticides and inorganics can be found throughout the site. Pathways of concern include groundwater, surface water and soil.

5. MIGRATION PATHWAYS

5.1 INTRODUCTION

This section includes data and information that may be useful in analyzing the Old LaSalle Dump sites' impact on the four migration pathways identified in CERCLA's hazard ranking system (HRS). The migration pathways which will be analyzed in this section include groundwater, surface water, air and soil exposure.

5.2 GROUNDWATER PATHWAY

No groundwater samples were collected during the May 6, 1992 Screening Site Inspection of the Old LaSalle Dump site. The reason for this is that no monitoring wells exist on or near the site and the nearest groundwater well is located one-half mile to the north of the site.

Geological records suggest that the geology of the LaSalle region is somewhat erratic due to the presence of the LaSalle anticline. The west side of the LaSalle anticline features a depression with underlying bedrock that dips toward the west, then immediately rises straight up. To the east of the anticline's fold the ground surface is step-like. Unlike the anticline's west side, this strata has a downward gradient that slopes toward the east. From the north is a downward gradient of a strike which angles south toward the Illinois basin. The older structures are exposed along the anticline's apex due to the erosion of previously deposited

formations.

The local geology of the Old LaSalle Dump area is characterized by Wisconsin glacial till overlying, and being interconnected with, the bedrock. The bedrock consists of fractured Silurian and Ordovician-aged dolomites and St. Peter Sandstone. An aquifer system consisting of sand and gravel, limestone and sandstone is the supplier of private and municipal drinking water within a four-mile radius of the site. According to ISWS well logs, the depths of the private wells vary greatly as some are as shallow as 11 feet (in sand and gravel) and some are as deep as 285 feet (in sandstone) and 423 feet (in limestone). The municipal wells of the region also vary greatly in depths and aquifers utilized. The four municipal wells of LaSalle are a little over one-half mile to the east of the site. They are finished in the alluvial deposits of the Illinois River and are from 60-70 feet deep. Approximately one and one-half miles west of the site are Peru's three municipal wells. These wells are finished in St. Peter Sandstone at depths ranging from 2,591 to 2,764 feet deep. Peru's water supply is most likely not in danger from contaminants from the Old LaSalle Dump because overlying the St. Peter Sandstone is a confining layer of Maquoketa Shale approximately 180 feet thick. The aquifer system of primary concern is the one consisting of sand and gravel, limestone and sandstone in which LaSalle's municipal wells and many private wells are finished.

There are approximately 32,000 people using groundwater within a four-mile radius of the Old LaSalle Dump. The approximate population that uses groundwater derived from the aquifers in the area around the site is:

<u>Distance (miles)</u>	<u>Population</u>
0 to 1/4	0
>1/4 to 1/2	0
>1/2 to 1	10,347
>1 to 2	11,326
>2 to 3	9,658
>3 to 4	1,038

Based upon the local geology and the observed existence of contaminants in the soil it is probable that groundwater has been contaminated. Despite this, the drinking water supply is currently not thought to be in danger due to the fact that groundwater that has been contaminated by the site most likely flows into Huse Lake, which surrounds the site on three sides. Because of this anticipated movement of groundwater, the movement of contaminated groundwater into surface water is of concern.

5.3 SURFACE WATER PATHWAY

No surface water samples were collected during the May 6, 1992 Screening Site Inspection of the Old LaSalle Dump site.

However, sediment samples were collected from the periphery of Huse Lake during the Screening Site Inspection and they indicate an observed release to the surface water pathway by contaminants that are attributable to the site (see Table 3-3). Analytically significant levels of semi-volatiles, pesticides (including PCB's) and inorganics were detected in these sediment samples.

The site is located within the annual floodplain of the Illinois River in an area of wetlands and is surrounded on its north, west and south sides by Huse Lake, a backwater lake of the Illinois River. Drainage from the site enters Huse Lake and flows west for half a mile and enters the Illinois River, where it then flows west. There is also the potential for groundwater contaminated by contaminants from the site to enter the surface water.

Numerous environmental targets exist along the 15-mile surface water target distance route. There are approximately 27 miles of total wetland frontage along the 15-mile surface water route from the site, with the nearest wetland being Huse Lake. Both Huse Lake and the Illinois River are used for fishing and other recreational purposes. Illinois Department of Conservation records indicate that several sensitive environments exist along the 15-mile surface water pathway. Located in Bureau County, approximately 13 miles from the site, is the Spring Lake Heron colony. This colony

is believed to be the oldest continually-occupied heronry in Illinois and also is a nesting site for the state endangered Great Egret. Additionally, two state wildlife refuges, the 1700-acre Lake DePue Fish and Wildlife Area and the 664-acre Donnelly Wildlife Management Area, exist along the 15-mile surface water route. IEPA records do not document the existence of any surface water drinking intakes along the 15-mile surface water route downstream of the site.

Based upon the observed release of analytically significant amounts of contaminants to surface water, the potential for contaminated groundwater to enter surface water, the proximity of wetlands, and the existence of sensitive environments and fisheries along the 15-mile surface water route, the potential impact of this site on nearby surface waters is of great concern.

5.4 AIR PATHWAY

No documented releases to the air were observed in the breathing zone during the CERCLA Screening Site Inspection. A photo-ionization detector (HNU) with an 11.7 eV lamp was used to determine the presence of certain air-borne contaminants. No readings were observed over background levels. The potential for windblown particulates to carry contaminants off-site is possible since contaminants were found in the top six inches of soil on-site. Although the site contains a poor cover of clean fill, it is fairly well

vegetated with trees and grasses, thus reducing the potential for release to the air. Approximately 32,000 people live within a four-mile radius of the site. The approximate population living within a four-mile radius of the site is:

<u>Distance (miles)</u>	<u>Population</u>
on-site	0
0 to 1/4	0
>1/4 to 1/2	525
>1/2 to 1	5,393
>1 to 2	17,973
>2 to 3	7,296
>3 to 4	769

5.5 SOIL EXPOSURE

Soil samples taken during the Screening Site Inspection indicate an observed release to the soil exposure pathway by contaminants that are attributable to the site. Significant concentrations of volatiles, semi-volatiles, pesticides and inorganics were detected in several soil samples (see Table 3-3).

A metal gate at the entrance to the dump is the only restriction to the site. The rest of the site is not fenced in and thus is accessible to people on foot. During the site reconnaissance, people were seen fishing in Huse Lake from the shores of the site and searching for mushrooms on the

site. In addition to this, remains of several campfires and numerous recently discarded pop and beer cans were observed.

No residences, schools, or day care facilities exist within 200 feet of the site. A review of USGS topographic maps, reconnaissance visit, and U.S. Census data indicate that approximately 5,900 people live within a one-mile radius of the site. This estimate is based on the population of the cities of Peru and LaSalle and unincorporated areas and average person-per household of LaSalle county.

Based upon the fact that significant levels of contaminants were detected in the soil and that people are regularly on-site, contaminants within the upper two feet of the soil is of concern.

6. BIBLIOGRAPHY

Illinois Environmental Protection Agency, 1989, Site Preliminary Assessment for Old LaSalle Dump, ILD 984774950, prepared by Karen Petefish, Springfield, Illinois.

Illinois Department of Conservation, August 6, 1992. Letter from Mr. Richard Lutz to the Illinois Environmental Protection Agency concerning sensitive environments near the Old LaSalle Dump.

Illinois Department of Energy and Natural Resources, State Water Survey, water well records of wells in LaSalle County, Sections 2, 3, 6, 9, 11, 13, 18, 22, 26, 29 and 34, T33N, R1E; Sections 32 and 35, T34N, R1E.

Illinois Department of Transportation. Order for aerial photographs of the Old LaSalle Dump.

United States Department of the Interior, National Wetlands Inventory maps for LaSalle, Spring Valley and DePue, IL. Quadrangles, 7.5 Minute Series.

U.S. Census Bureau, 1990, Average persons per household in LaSalle County, Illinois.

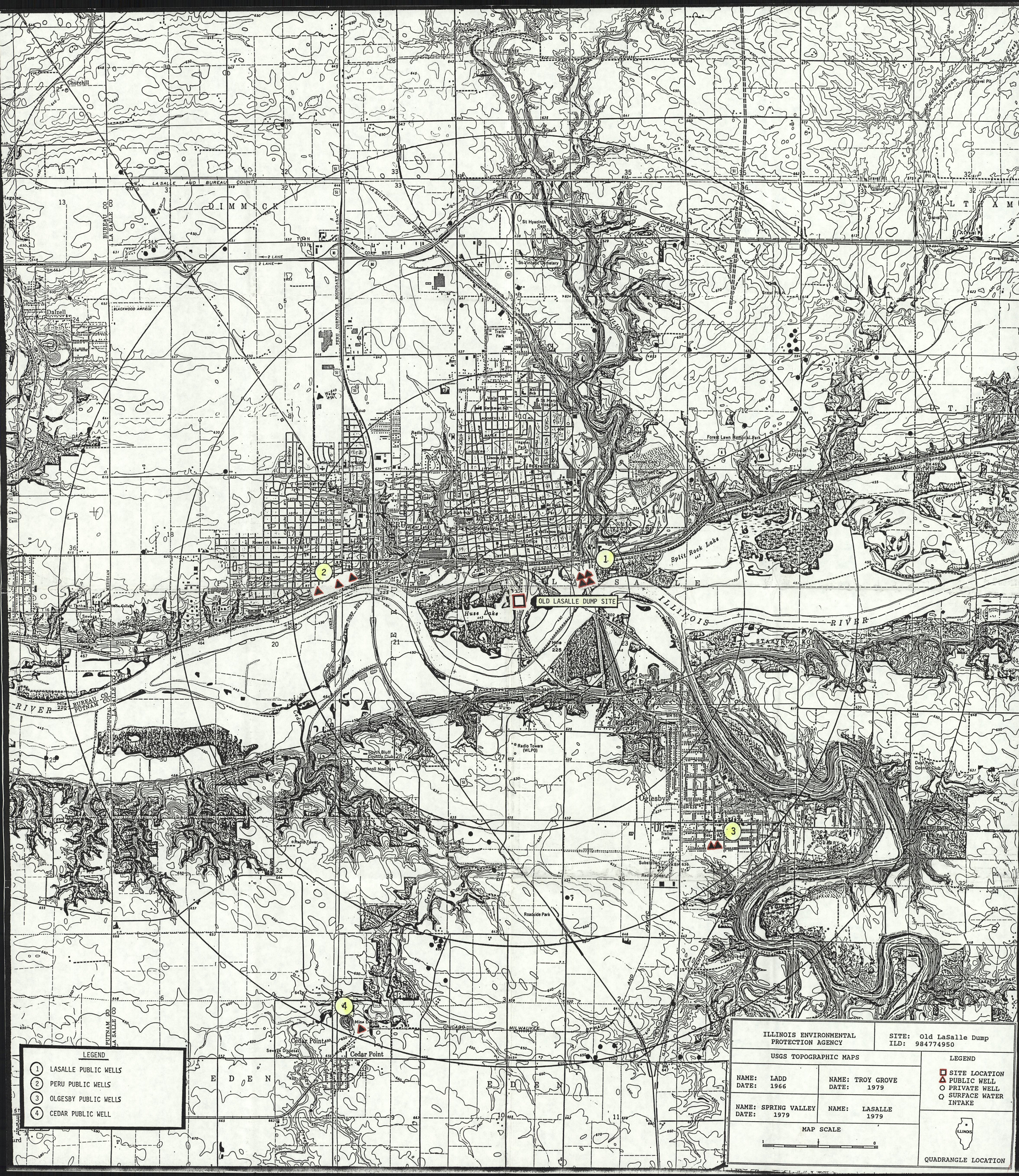
USGS, 1966, Ladd, IL. Quadrangle, 7.5 Minute Series.

USGS, 1979, LaSalle, IL. Quadrangle, 7.5 Minute Series.

USGS, 1979, Spring Valley, IL. Quadrangle, 7.5. Minute Series.

USGS, 1979, Troy Grove, IL. Quadrangle, 7.5 Minute Series.

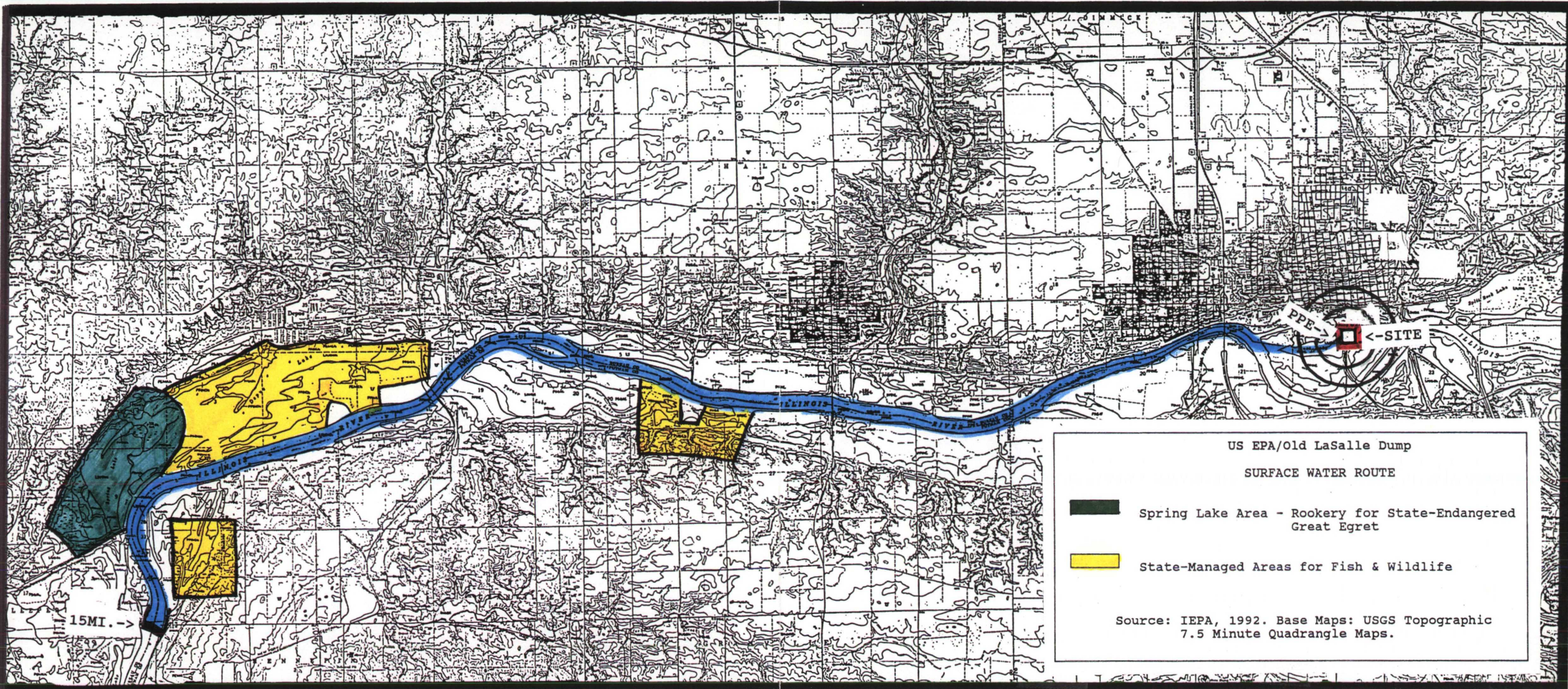
APPENDIX A
SITE 4-MILE RADIUS MAP



- LEGEND**
- ① LASALLE PUBLIC WELLS
 - ② PERU PUBLIC WELLS
 - ③ OLGESBY PUBLIC WELLS
 - ④ CEDAR PUBLIC WELL

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY		SITE: Old LaSalle Dump ILD: 984774950	
USGS TOPOGRAPHIC MAPS			
NAME: LADD DATE: 1966	NAME: TROY GROVE DATE: 1979		
NAME: SPRING VALLEY DATE: 1979	NAME: LASALLE DATE: 1979		
MAP SCALE 1" = 1 MILE			
LEGEND		 SITE LOCATION	
 PUBLIC WELL		 PRIVATE WELL	
 SURFACE WATER INTAKE		 QUADRANGLE LOCATION	

APPENDIX B
SURFACE WATER ROUTE MAP

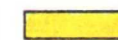


US EPA/old LaSalle Dump

SURFACE WATER ROUTE



Spring Lake Area - Rookery for State-Endangered
Great Egret



State-Managed Areas for Fish & Wildlife

Source: IEPA, 1992. Base Maps: USGS Topographic
7.5 Minute Quadrangle Maps.



Site Inspection Report

APPENDIX C

U.S. EPA FORM 2070-13



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 1 - SITE LOCATION AND INSPECTION INFORMATION

I. IDENTIFICATION

01 STATE | 02 SITE NUMBER
IL | 0984774950

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) Old LaSalle Dump		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER west of route 351				
03 CITY south of city of LaSalle		04 STATE IL	05 ZIP CODE	06 COUNTY LaSalle	07 COUNTY CODE 099	08 CONG DIST 14
09 COORDINATES LATITUDE 41 19 30.0 LONGITUDE 089 05 40.0		10 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER <input type="checkbox"/> G. UNKNOWN				

III. INSPECTION INFORMATION

01 DATE OF INSPECTION 5.6.92 MONTH DAY YEAR	02 SITE STATUS <input type="checkbox"/> ACTIVE <input checked="" type="checkbox"/> INACTIVE	03 YEARS OF OPERATION 21915 ~ 1966 BEGINNING YEAR ENDING YEAR	UNKNOWN
04 AGENCY PERFORMING INSPECTION (Check all that apply) <input checked="" type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR (Name of firm) <input type="checkbox"/> C. MUNICIPAL <input type="checkbox"/> D. MUNICIPAL CONTRACTOR (Name of firm) <input type="checkbox"/> E. STATE <input type="checkbox"/> F. STATE CONTRACTOR (Name of firm) <input type="checkbox"/> G. OTHER (Specify)			

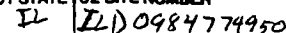
05 CHIEF INSPECTOR Alan Kirwan	06 TITLE EPS	07 ORGANIZATION IEPA	08 TELEPHONE NO. 309 693-5462
09 OTHER INSPECTORS Ken Corkill	10 TITLE EPS	11 ORGANIZATION IEPA	12 TELEPHONE NO. 217 1782-6760
Judy Triller	EPS	IEPA	217 1782-6760
Sheila Murphy	EPS	IEPA	217 1782-6760
Kristin Boster	EPS	IEPA	217 1782-6760
			()

13 SITE REPRESENTATIVES INTERVIEWED Mr. John Duncan	14 TITLE part owner	15 ADDRESS 654 First St. 4th floor	16 TELEPHONE NO. (815) 223-
			()
			()
			()
			()
			()
			()

17 ACCESS GAINED BY (Check one) <input checked="" type="checkbox"/> PERMISSION <input type="checkbox"/> WARRANT	18 TIME OF INSPECTION 8:30A-4:30P	19 WEATHER CONDITIONS sunny 67°F
---	--------------------------------------	-------------------------------------

IV. INFORMATION AVAILABLE FROM

01 CONTACT Tom Crease	02 OF (Agency/Organization) IEPA	03 TELEPHONE NO. 217 1782-6760
04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM AL Kirwan	05 AGENCY IEPA	06 ORGANIZATION Pre-Remedial
	07 TELEPHONE NO. 309/693-5462	08 DATE 5.26.92 MONTH DAY YEAR



EPA FORM 2070-13 (7-81)



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
IL 0984774950

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: unknown 04 NARRATIVE DESCRIPTION

01 ☒ B. SURFACE WATER CONTAMINATION 02 ☒ OBSERVED (DATE: 5-6-92) ☐ POTENTIAL ☒ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: unknown 04 NARRATIVE DESCRIPTION

During Site Inspection sampling event, discarded capacitors were observed at site at edge of Huse Lake. Site is in annual floodplain of Illinois River.

01 ☒ C. CONTAMINATION OF AIR 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: unknown 04 NARRATIVE DESCRIPTION

Site is poorly covered, gases may be present beneath cover

01 ☒ D. FIRE/EXPLOSIVE CONDITIONS 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

When site was active, trash was occasionally set ablaze. Types of waste present are not completely known. Explosive reactions are a possibility.

01 ☒ E. DIRECT CONTACT 02 ☐ OBSERVED (DATE: 5-6-92) ☐ POTENTIAL ☒ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: unknown 04 NARRATIVE DESCRIPTION

Site is not fenced, public access relatively easy. Site Inspection personnel observed several discarded capacitors at surface of site near campfire areas. People observed fishing in the area of the exposed capacitors & mushrooming.

01 ☒ F. CONTAMINATION OF SOIL 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☒ ALLEGED
03 AREA POTENTIALLY AFFECTED: 6 04 NARRATIVE DESCRIPTION
(ACRES)

Site used as open dump for household and industrial wastes for decades.

01 ☒ G. DRINKING WATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: unknown 04 NARRATIVE DESCRIPTION

Groundwater is very shallow, probably intermixes with Huse Lake. The site was a dump that was apparently ~~wetland~~ ^{wetland} originally, site was pushed into wetland/Huse Lake. Closest surface water intake is >15 miles downstream

01 ☐ H. WORKER EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

none documented or observed

01 ☐ I. POPULATION EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

none documented or observed



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

IL 0984774950

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☒ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☒ ALLEGED

When site began operating ~1915, the area was wetland (Huse Lake) that was intruded upon

01 ☐ K. DAMAGE TO FAUNA

04 NARRATIVE DESCRIPTION (Include names of species)

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

none documented or observed

01 ☒ L. CONTAMINATION OF FOOD CHAIN

04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

Potential contamination of fish from release of contaminants into Huse Lake

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES

Spills/Runoff/Standing liquids, Leaking drums

03 POPULATION POTENTIALLY AFFECTED: unknown

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☒ ALLEGED

04 NARRATIVE DESCRIPTION

The site was never adequately lined or covered to prevent releases

01 ☒ N. DAMAGE TO OFFSITE PROPERTY

04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

Potential for release off-site via flooding

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs

04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

none documented or observed

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING

04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

Site operated as a open dump via authorization of original owner and city of LaSalle

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

V. SOURCES OF INFORMATION (Cite specific references, e.g., State files, sample analysis, reports)

5/6/92 Site Inspection sampling event by IEPA personnel

Telephone conversation with John Duncan, part owner of The site, AL Kinway 4-27-92

IEPA Preliminary Assessment by Karen Petefish of Old LaSalle Dump, September, 1989



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION
PART 4 - PERMIT AND DESCRIPTIVE INFORMATION

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
IL 0984774950

II. PERMIT INFORMATION

01 TYPE OF PERMIT ISSUED (Check all that apply)	02 PERMIT NUMBER	03 DATE ISSUED	04 EXPIRATION DATE	05 COMMENTS
<input type="checkbox"/> A. NPDES				
<input type="checkbox"/> B. UIC				
<input type="checkbox"/> C. AIR				
<input type="checkbox"/> D. RCRA				
<input type="checkbox"/> E. RCRA INTERIM STATUS				
<input type="checkbox"/> F. SPCC PLAN				
<input type="checkbox"/> G. STATE (Specify)				
<input type="checkbox"/> H. LOCAL (Specify)				
<input type="checkbox"/> I. OTHER (Specify)				
<input type="checkbox"/> J. NONE				

III. SITE DESCRIPTION

01 STORAGE/DISPOSAL (Check all that apply)	02 AMOUNT	03 UNIT OF MEASURE	04 TREATMENT (Check all that apply)	05 OTHER
<input type="checkbox"/> A. SURFACE IMPOUNDMENT			<input type="checkbox"/> A. INCENERATION	<input type="checkbox"/> A. BUILDINGS ON SITE
<input type="checkbox"/> B. PILES			<input type="checkbox"/> B. UNDERGROUND INJECTION	none
<input type="checkbox"/> C. DRUMS, ABOVE GROUND			<input type="checkbox"/> C. CHEMICAL/PHYSICAL	
<input type="checkbox"/> D. TANK, ABOVE GROUND			<input type="checkbox"/> D. BIOLOGICAL	
<input type="checkbox"/> E. TANK, BELOW GROUND			<input type="checkbox"/> E. WASTE OIL PROCESSING	
<input checked="" type="checkbox"/> F. LANDFILL			<input type="checkbox"/> F. SOLVENT RECOVERY	
<input type="checkbox"/> G. LANDFARM			<input type="checkbox"/> G. OTHER RECYCLING/RECOVERY	
<input checked="" type="checkbox"/> H. OPEN DUMP	~ 6 acres		<input type="checkbox"/> H. OTHER (Specify)	
<input type="checkbox"/> I. OTHER (Specify)				06 AREA OF SITE

07 COMMENTS

IV. CONTAINMENT

01 CONTAINMENT OF WASTES (Check one)

☐ A. ADEQUATE, SECURE ☐ B. MODERATE ☐ C. INADEQUATE, POOR ☒ D. INSECURE, UNSOUND, DANGEROUS

02 DESCRIPTION OF DRUMS, DIKING, LINERS, BARRIERS, ETC.

Apparently, no base liner was ever present when site began as a dump ~1915.
When site closed, anybody was allowed to bring fill material in to act as a cover.

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE: ☒ YES ☐ NO

02 COMMENTS

Waste is present at surface in form of drums, debris, and discarded capacitors.
People get on site & fish & mushroom.

VI. SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis, reports)

IEPA Files / Site Reconnaissance



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION

01 STATE IL 02 SITE NUMBER 0984774950

II. DRINKING WATER SUPPLY

01 TYPE OF DRINKING SUPPLY
(Check as appropriate)

SURFACE WELL
COMMUNITY A. ☐ B. ☒
NON-COMMUNITY C. ☐ D. ☒

02 STATUS

ENDANGERED AFFECTED MONITORED
A. ☐ B. ☐ C. ☐
D. ☐ E. ☐ F. ☐

03 DISTANCE TO SITE

A. 0.5 (mi)
B. _____ (mi)

III. GROUNDWATER

01 GROUNDWATER USE IN VICINITY (Check one)

☒ A. ONLY SOURCE FOR DRINKING ☐ B. DRINKING
(Other sources available)
COMMERCIAL, INDUSTRIAL, IRRIGATION
(No other water sources available)
☐ C. COMMERCIAL, INDUSTRIAL, IRRIGATION
(Limited other sources available)
☐ D. NOT USED, UNUSEABLE

02 POPULATION SERVED BY GROUND WATER ~ 3

03 DISTANCE TO NEAREST DRINKING WATER WELL 0.5 (mi)

04 DEPTH TO GROUNDWATER
< 10 (ft)

05 DIRECTION OF GROUNDWATER FLOW
south west

06 DEPTH TO AQUIFER
OF CONCERN
< 10 (ft)

07 POTENTIAL YIELD
OF AQUIFER
unknown (gpd)

08 SOLE SOURCE AQUIFER
☐ YES ☐ NO

09 DESCRIPTION OF WELLS (including usage, depth, and location relative to population and buildings)

LaSalle's 4 drinking wells are $\frac{1}{2}$ mile east of the site, serve 10,347 people & are 60-70 ft deep.
Pern's 3 drinking wells are $\frac{1}{2}$ miles west of the site, serve 10,886 people & are 2591-2764 ft deep.

10 RECHARGE AREA

☐ YES
☐ NO

COMMENTS

11 DISCHARGE AREA

☐ YES
☐ NO

COMMENTS

IV. SURFACE WATER

01 SURFACE WATER USE (Check one)

☐ A. RESERVOIR, RECREATION
DRINKING WATER SOURCE ☒ B. IRRIGATION, ECONOMICALLY
IMPORTANT RESOURCES ☐ C. COMMERCIAL, INDUSTRIAL ☐ D. NOT CURRENTLY USED

02 AFFECTED/POTENTIALLY AFFECTED BODIES OF WATER

NAME:

AFFECTED

DISTANCE TO SITE

Huse Lake
Illinois River

☒
☐
☐

0 (mi)
 $\frac{1}{2}$ (mi)
_____ (mi)

V. DEMOGRAPHIC AND PROPERTY INFORMATION

01 TOTAL POPULATION WITHIN

ONE (1) MILE OF SITE
A. 5918
NO. OF PERSONS

TWO (2) MILES OF SITE
B. 23891
NO. OF PERSONS

THREE (3) MILES OF SITE
C. 31187
NO. OF PERSONS

02 DISTANCE TO NEAREST POPULATION

$\frac{1}{2}$ (mi)

03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE

04 DISTANCE TO NEAREST OFF-SITE BUILDING

_____ (mi)

05 POPULATION WITHIN VICINITY OF SITE (Provide narrative description of nature of population within vicinity of site, e.g., rural, village, densely populated urban area)

The city of LaSalle is located ~ 1 mile to the north of the site. The city of Pern is located just west of LaSalle. LaSalle has population of 10,347 while Pern has a population of 10,886



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 9 - GENERATOR/TRANSPORTER INFORMATION

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
IL 0984774950

II. ON-SITE GENERATOR

01 NAME NA	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE 07 ZIP CODE

III. OFF-SITE GENERATOR(S)

01 NAME City of LaSalle	02 D+B NUMBER	01 NAME	02 D+B NUMBER		
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE		
05 CITY LaSalle	06 STATE IL	07 ZIP CODE 61301	05 CITY LaSalle	06 STATE IL	07 ZIP CODE 61301
01 NAME Electric Utilities Company	02 D+B NUMBER	01 NAME	02 D+B NUMBER		
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE		
05 CITY LaSalle	06 STATE IL	07 ZIP CODE 61301	05 CITY LaSalle	06 STATE IL	07 ZIP CODE 61301

IV. TRANSPORTER(S)

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE 07 ZIP CODE	05 CITY	06 STATE 07 ZIP CODE
01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE 07 ZIP CODE	05 CITY	06 STATE 07 ZIP CODE

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

IEPA Preliminary Assessment of Old LaSalle Dump, September 1989



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION

01 STATE IL 02 SITE NUMBER 0184779 950

II. PAST RESPONSE ACTIVITIES

01 <input type="checkbox"/> A. WATER SUPPLY CLOSED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
<i>N A</i>		
01 <input type="checkbox"/> B. TEMPORARY WATER SUPPLY PROVIDED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> C. PERMANENT WATER SUPPLY PROVIDED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> D. SPILLED MATERIAL REMOVED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> E. CONTAMINATED SOIL REMOVED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> F. WASTE REPACKAGED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input checked="" type="checkbox"/> G. WASTE DISPOSED ELSEWHERE 04 DESCRIPTION <i>[Handwritten description obscured by a line]</i>	02 DATE _____	03 AGENCY _____
01 <input checked="" type="checkbox"/> H. ON SITE BURIAL 04 DESCRIPTION <i>An open dump for decades</i>	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> I. IN SITU CHEMICAL TREATMENT 04 DESCRIPTION <i>N A</i>	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> J. IN SITU BIOLOGICAL TREATMENT 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> K. IN SITU PHYSICAL TREATMENT 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> L. ENCAPSULATION 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> M. EMERGENCY WASTE TREATMENT 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> N. CUTOFF WALLS 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> O. EMERGENCY DIKING/SURFACE WATER DIVERSION 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> P. CUTOFF TRENCHES/SUMP 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> Q. SUBSURFACE CUTOFF WALL 04 DESCRIPTION <i>[Handwritten checkmark]</i>	02 DATE _____	03 AGENCY _____



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION

01 STATE IL 02 SITE NUMBER 0984774950

II PAST RESPONSE ACTIVITIES (Continued)

01 ☐ R. BARRIER WALLS CONSTRUCTED
04 DESCRIPTION

02 DATE

03 AGENCY

N/A

01 ☒ S. CAPPING/COVERING
04 DESCRIPTION

02 DATE

03 AGENCY

cap is inadequate
when site closed, there was free access for disposal of fill material as cap

01 ☐ T. BULK TANKAGE REPAIRED
04 DESCRIPTION

02 DATE

03 AGENCY

N/A

01 ☐ U. GROUT CURTAIN CONSTRUCTED
04 DESCRIPTION

02 DATE

03 AGENCY

01 ☐ V. BOTTOM SEALED
04 DESCRIPTION

02 DATE

03 AGENCY

01 ☐ W. GAS CONTROL
04 DESCRIPTION

02 DATE

03 AGENCY

01 ☐ X. FIRE CONTROL
04 DESCRIPTION

02 DATE

03 AGENCY

01 ☐ Y. LEACHATE TREATMENT
04 DESCRIPTION

02 DATE

03 AGENCY

01 ☐ Z. AREA EVACUATED
04 DESCRIPTION

02 DATE

03 AGENCY

01 ☐ 1. ACCESS TO SITE RESTRICTED
04 DESCRIPTION

02 DATE

03 AGENCY

vehicle access is restricted

01 ☐ 2. POPULATION RELOCATED
04 DESCRIPTION

02 DATE

03 AGENCY

N/A

01 ☐ 3. OTHER REMEDIAL ACTIVITIES
04 DESCRIPTION

02 DATE

03 AGENCY

N/A

III. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 11 - ENFORCEMENT INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	0984724952

II. ENFORCEMENT INFORMATION

01 PAST REGULATORY/ENFORCEMENT ACTION ☐ YES ☒ NO

02 DESCRIPTION OF FEDERAL, STATE, LOCAL REGULATORY/ENFORCEMENT ACTION

III. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 6 - SAMPLE AND FIELD INFORMATION

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
IL 098477950

II. SAMPLES TAKEN

SAMPLE TYPE	01 NUMBER OF SAMPLES TAKEN	02 SAMPLES SENT TO	03 ESTIMATED DATE RESULTS AVAILABLE
GROUNDWATER			
SURFACE WATER			
WASTE			
AIR			
RUNOFF			
SPILL			
SOIL	10	IEPA laboratories	
VEGETATION			
OTHER Sediment	5	IEPA laboratories	

III. FIELD MEASUREMENTS TAKEN

01 TYPE	02 COMMENTS

IV. PHOTOGRAPHS AND MAPS

01 TYPE <input checked="" type="checkbox"/> GROUND <input checked="" type="checkbox"/> AERIAL	02 IN CUSTODY OF IEPA <small>(Name of organization or individual)</small>
03 MAPS <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	04 LOCATION OF MAPS IEPA

V. OTHER FIELD DATA COLLECTED (Provide narrative description)

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, samplers, reports)



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

FL 0984774950

VI. ENVIRONMENTAL INFORMATION

01 PERMEABILITY OF UNSATURATED ZONE (Check one)

☐ A. 10^{-8} - 10^{-6} cm/sec ☐ B. 10^{-4} - 10^{-6} cm/sec ☐ C. 10^{-4} - 10^{-3} cm/sec ☒ D. GREATER THAN 10^{-3} cm/sec

02 PERMEABILITY OF BEDROCK (Check one)

☐ A. IMPERMEABLE
(Less than 10^{-6} cm/sec)
☐ B. RELATIVELY IMPERMEABLE
(10^{-4} - 10^{-6} cm/sec)
☐ C. RELATIVELY PERMEABLE
(10^{-2} - 10^{-4} cm/sec)
☐ D. VERY PERMEABLE
(Greater than 10^{-2} cm/sec)

03 DEPTH TO BEDROCK

~200 (ft)

04 DEPTH OF CONTAMINATED SOIL ZONE

~10 (ft)

05 SOIL pH

06 NET PRECIPITATION

2.5 (in)

07 ONE YEAR 24 HOUR RAINFALL

2.5 (in)

08 SLOPE

SITE SLOPE

~2 %

DIRECTION OF SITE SLOPE

South west

TERRAIN AVERAGE SLOPE

~2 %

09 FLOOD POTENTIAL

SITE IS IN annual YEAR FLOODPLAIN

10

☐ SITE IS ON BARRIER ISLAND, COASTAL HIGH HAZARD AREA, RIVERINE FLOODWAY

11 DISTANCE TO WETLANDS (5 acre minimum)

ESTUARINE

A. _____ (mi)

OTHER

B. 0 (mi)

12 DISTANCE TO CRITICAL HABITAT (of endangered species)

13 (mi)

ENDANGERED SPECIES: Great Egret

13 LAND USE IN VICINITY

DISTANCE TO:

COMMERCIAL/INDUSTRIAL

A. _____ (mi)

RESIDENTIAL AREAS; NATIONAL/STATE PARKS,
FORESTS, OR WILDLIFE RESERVES

B. _____ (mi)

AGRICULTURAL LANDS
PRIME AG LAND AG LAND

C. 41 (mi) D. _____ (mi)

14 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY

VII. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 7 - OWNER INFORMATION

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

IL 0984774950

II. CURRENT OWNER(S)				PARENT COMPANY (If applicable)			
01 NAME Duncan Realty Land Trust		02 D+B NUMBER		08 NAME		09 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.) 654 First St		04 SIC CODE		10 STREET ADDRESS (P.O. Box, RFD #, etc.)		11 SIC CODE	
05 CITY La Salle		06 STATE IL	07 ZIP CODE 61301	12 CITY		13 STATE	14 ZIP CODE
01 NAME		02 D+B NUMBER		08 NAME		09 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		10 STREET ADDRESS (P.O. Box, RFD #, etc.)		11 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	12 CITY		13 STATE	14 ZIP CODE
01 NAME		02 D+B NUMBER		08 NAME		09 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		10 STREET ADDRESS (P.O. Box, RFD #, etc.)		11 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	12 CITY		13 STATE	14 ZIP CODE
01 NAME		02 D+B NUMBER		08 NAME		09 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		10 STREET ADDRESS (P.O. Box, RFD #, etc.)		11 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	12 CITY		13 STATE	14 ZIP CODE
III. PREVIOUS OWNER(S) (List most recent first)				IV. REALTY OWNER(S) (If applicable: list most recent first)			
01 NAME		02 D+B NUMBER		01 NAME		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	05 CITY		06 STATE	07 ZIP CODE
01 NAME		02 D+B NUMBER		01 NAME		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	05 CITY		06 STATE	07 ZIP CODE
01 NAME		02 D+B NUMBER		01 NAME		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	05 CITY		06 STATE	07 ZIP CODE
V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)							
Phone conversation between John Duncan and Al Kirwan, IEPA, 4/27/92							



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 8 - OPERATOR INFORMATION

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
IL 0984774950

II. CURRENT OPERATOR (Provide if different from owner)				OPERATOR'S PARENT COMPANY (If applicable)			
01 NAME		02 D+B NUMBER		10 NAME		11 D+B NUMBER	
N/A							
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		12 STREET ADDRESS (P.O. Box, RFD #, etc.)		13 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	14 CITY		15 STATE	16 ZIP CODE
08 YEARS OF OPERATION		09 NAME OF OWNER					
III. PREVIOUS OPERATOR(S) (List most recent first; provide only if different from owner)				PREVIOUS OPERATORS' PARENT COMPANIES (If applicable)			
01 NAME		02 D+B NUMBER		10 NAME		11 D+B NUMBER	
N/A							
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		12 STREET ADDRESS (P.O. Box, RFD #, etc.)		13 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	14 CITY		15 STATE	16 ZIP CODE
08 YEARS OF OPERATION		09 NAME OF OWNER DURING THIS PERIOD					
01 NAME		02 D+B NUMBER		10 NAME		11 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		12 STREET ADDRESS (P.O. Box, RFD #, etc.)		13 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	14 CITY		15 STATE	16 ZIP CODE
08 YEARS OF OPERATION		09 NAME OF OWNER DURING THIS PERIOD					
01 NAME		02 D+B NUMBER		10 NAME		11 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		12 STREET ADDRESS (P.O. Box, RFD #, etc.)		13 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	14 CITY		15 STATE	16 ZIP CODE
08 YEARS OF OPERATION		09 NAME OF OWNER DURING THIS PERIOD					
IV. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)							

APPENDIX D
TARGET COMPOUND LIST

TARGET COMPOUND LIST

Volatile Target Compounds

Chloromethane	1,2-Dichloropropane
Bromomethane	cis-1,3-Dichloropropene
Vinyl Chloride	Trichloroethene
Chloroethane	Dibromochloromethane
Methylene Chloride	1,1,2-Trichloroethane
Acetone	Benzene
Carbon Disulfide	trans-1,3-Dichloropropene
1,1-Dichloroethene	Bromoform
1,1-Dichloroethane	4-Methyl-2-pentanone
1,2-Dichloroethene (total)	2-Hexanone
Chloroform	Tetrachloroethene
1,2-Dichloroethane	1,1,2,2-Tetrachloroethane
2-Butanone	Toluene
1,1,1-Trichloroethane	Chlorobenzene
Carbon Tetrachloride	Ethylbenzene
Vinyl Acetate	Styrene
Bromodichloromethane	Xylenes (total)

Base/Neutral Target Compounds

Hexachloroethane	2,4-Dinitrotoluene
bis(2-Chloroethyl) Ether	Diethylphthalate
Benzyl Alcohol	N-Nitrosodiphenylamine
bis(2-Chloroisopropyl) Ether	Hexachlorobenzene
N-Nitroso-Di-n-Propylamine	Phenanthrene
Nitrobenzene	4-Bromophenyl-phenylether
Hexachlorobutadiene	Anthracene
2-Methylnaphthalene	Di-n-Butylphthalate
1,2,4-Trichlorobenzene	Fluoranthene
Isophorone	Pyrene
Naphthalene	Butylbenzylphthalate
4-Chloroaniline	bis(2-Ethylhexyl) Phthalate
bis(2-chloroethoxy) Methane	Chrysene
Hexachlorocyclopentadiene	Benzo(a) Anthracene
2-Chloronaphthalene	3,3'-Dichlorobenzidene
2-Nitroaniline	Di-n-Octyl Phthalate
Acenaphthylene	Benzo(b) Fluoranthene
3-Nitroaniline	Benzo(k) Fluoranthene
Acenaphthene	Benzo(a) Pyrene
Dibenzofuran	Indeno(1,2,3-cd) Pyrene
Dimethyl Phthalate	Dibenz(a,h) Anthracene
2,6-Dinitrotoluene	Benzo(g,h,i) Perylene
Fluorene	1,2-Dichlorobenzene
4-Nitroaniline	1,3-Dichlorobenzene
4-Chlorophenyl-phenylether	1,4-Dichlorobenzene

Acid Target Compounds

Benzoic Acid	2,4,6-Trichlorophenol
Phenol	2,4,5-Trichlorophenol
2-Chlorophenol	4-Chloro-3-methylphenol
2-Nitrophenol	2,4-Dinitrophenol
2-Methylphenol	2-Methyl-4,6-dinitrophenol
2,4-Dimethylphenol	Pentachlorophenol
4-Methylphenol	4-Nitrophenol
2,4-Dichlorophenol	

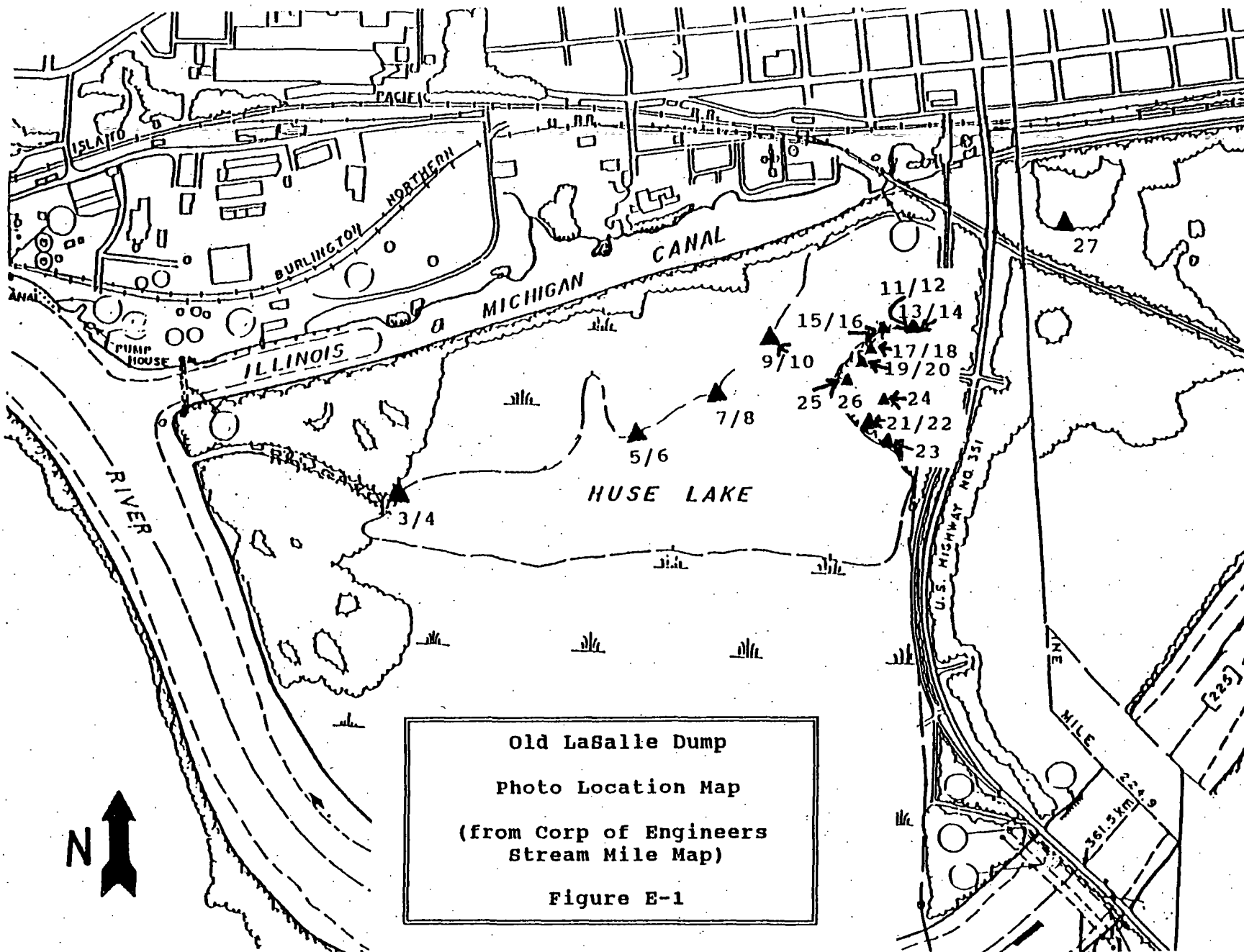
Pesticide/PCB Target Compounds

alpha-BHC	Endrin Ketone
beta-BHC	Endosulfan Sulfate
delta-BHC	Methoxychlor
gamma-BHC (Lindane)	alpha-Chlorodane
Heptachlor	gamma-Chlorodane
Aldrin	Toxaphene
Heptachlor epoxide	Aroclor-1016
Endosulfan I	Aroclor-1221
4,4'-DDE	Aroclor-1232
Dieldrin	Aroclor-1242
Endrin	Aroclor-1248
4,4'-DDD	Aroclor-1254
Endosulfan II	Aroclor-1260
4,4'-DDT	

Inorganic Target Compounds

Aluminum	Manganese
Antimony	Mercury
Arsenic	Nickel
Barium	Potassium
Beryllium	Selenium
Cadmium	Silver
Calcium	Sodium
Chromium	Thallium
Cobalt	Vanadium
Copper	Zinc
Iron	Cyanide
Lead	Sulfide
Magnesium	Sulfate

APPENDIX E
IEPA SITE PHOTOGRAPHS



SITE PHOTOGRAPHS

DATE: July 1, 1991

TIME:

9:30am

PHOTOGRAPHED BY:

Hank Konzelmann

LOCATION:

0990300001-LaSalle

Old LaSalle Dump

ILD984774950

COMMENTS: Photograph taken
toward the northwest showing
site at lower right hand corner

PHOTOGRAPH NUMBER: 1



DATE: July 1, 1991

TIME:

9:30am

PHOTOGRAPHED BY:

Hank Konzelmann

LOCATION:

0990300001-LaSalle

Old LaSalle Dump

ILD984774950

COMMENTS: Photograph taken
toward the northwest showing
site in lower right hand corner

PHOTOGRAPH NUMBER: 2



SITE PHOTOGRAPHS

DATE: May 6, 1992

TIME:

9:30am - 4:30pm

PHOTOGRAPHED BY:

Alan Kirwan

LOCATION:

0990300001-LaSalle

Old LaSalle Dump

ILD984774950

COMMENTS: Photograph taken toward the west showing sample location X102

PHOTOGRAPH NUMBER: 3



DATE: May 6, 1992

TIME:

9:30am - 4:30pm

PHOTOGRAPHED BY:

Alan Kirwan

LOCATION:

0990300001-LaSalle

Old LaSalle Dump

ILD984774950

COMMENTS: Photograph taken toward the east showing sample location X102

PHOTOGRAPH NUMBER: 4



SITE PHOTOGRAPHS

DATE: May 6, 1992

TIME:
9:30am - 4:30pm

PHOTOGRAPHED BY:
Alan Kirwan

LOCATION:
0990300001-LaSalle
Old LaSalle Dump
ILD984774950

COMMENTS: Photograph taken
toward the east showing
sample location X103

PHOTOGRAPH NUMBER: 5



DATE: May 6, 1992

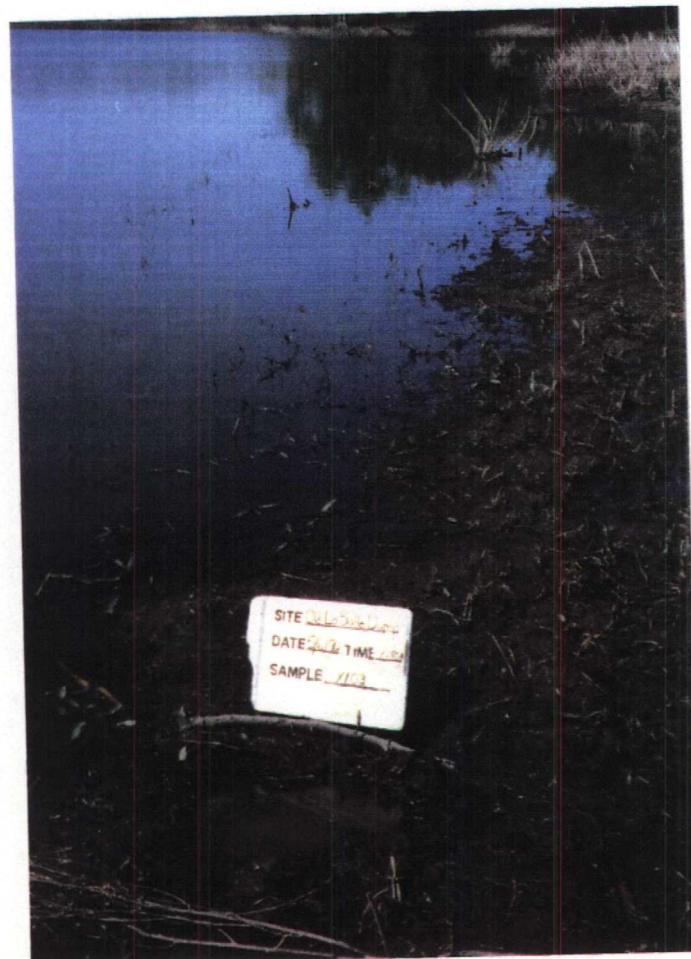
TIME:
9:30am - 4:30pm

PHOTOGRAPHED BY:
Alan Kirwan

LOCATION:
0990300001-LaSalle
Old LaSalle Dump
ILD984774950

COMMENTS: Photograph taken
toward the west showing
sample location X103

PHOTOGRAPH NUMBER: 6



SITE PHOTOGRAPHS

DATE: May 6, 1992

TIME:

9:30am - 4:30pm

PHOTOGRAPHED BY:

Kristin Boster

LOCATION:

0990300001-LaSalle

Old LaSalle Dump

ILD984774950

COMMENTS: Photograph taken
toward the east showing
sample location X104

PHOTOGRAPH NUMBER: 7



DATE: May 6, 1992

TIME:

9:30am - 4:30pm

PHOTOGRAPHED BY:

Kristin Boster

LOCATION:

0990300001-LaSalle

Old LaSalle Dump

ILD984774950

COMMENTS: Photograph taken
toward the west showing
sample location X104

PHOTOGRAPH NUMBER: 8



SITE PHOTOGRAPHS

DATE: May 6, 1992

TIME:
9:30am - 4:30pm

PHOTOGRAPHED BY:
Kristin Boster

LOCATION:
0990300001-LaSalle
Old LaSalle Dump
ILD984774950

COMMENTS: Photograph taken
toward the east showing
sample location X105

PHOTOGRAPH NUMBER: 9



DATE: May 6, 1992

TIME:
9:30am - 4:30pm

PHOTOGRAPHED BY:
Kristin Boster

LOCATION:
0990300001-LaSalle
Old LaSalle Dump
ILD984774950

COMMENTS: Photograph taken
toward the south showing
sample location X105

PHOTOGRAPH NUMBER: 10



SITE PHOTOGRAPHS

DATE: May 6, 1992

TIME:
9:30am - 4:30pm

PHOTOGRAPHED BY:
Kristin Boster

LOCATION:
0990300001-LaSalle
Old LaSalle Dump
ILD984774950

COMMENTS: Photograph taken
toward the east showing
sample location X106

PHOTOGRAPH NUMBER: 11



DATE: May 6, 1992

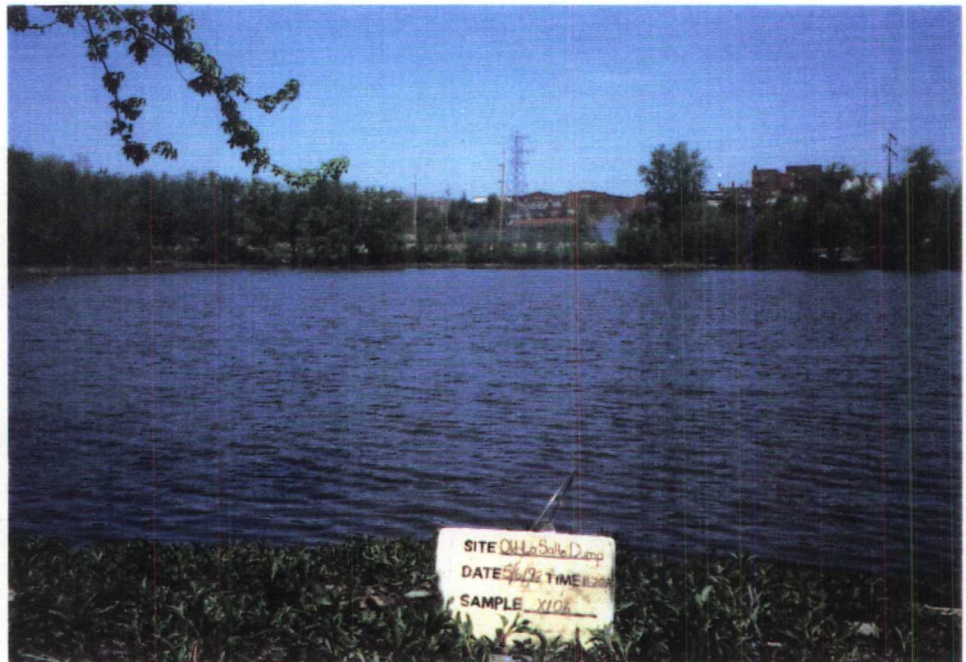
TIME:
9:30am - 4:30pm

PHOTOGRAPHED BY:
Kristin Boster

LOCATION:
0990300001-LaSalle
Old LaSalle Dump
ILD984774950

COMMENTS: Photograph taken
toward the north showing
sample location X106

PHOTOGRAPH NUMBER: 12



SITE PHOTOGRAPHS

DATE: May 6, 1992

TIME:

9:30am - 4:30pm

PHOTOGRAPHED BY:

Kristin Boster

LOCATION:

0990300001-LaSalle

Old LaSalle Dump

ILD984774950

COMMENTS: Photograph taken toward the north showing sample location X107

PHOTOGRAPH NUMBER: 13



DATE: May 6, 1992

TIME:

9:30am - 4:30pm

PHOTOGRAPHED BY:

Kristin Boster

LOCATION:

0990300001-LaSalle

Old LaSalle Dump

ILD984774950

COMMENTS: Photograph taken toward the east showing sample location X107

PHOTOGRAPH NUMBER: 14



SITE PHOTOGRAPHS

DATE: May 6, 1992

TIME:

9:30am - 4:30pm

PHOTOGRAPHED BY:

Kristin Boster

LOCATION:

0990300001-LaSalle

Old LaSalle Dump

ILD984774950

COMMENTS: Photograph taken toward the northeast showing sample location X108

PHOTOGRAPH NUMBER: 15



DATE: May 6, 1992

TIME:

9:30am - 4:30pm

PHOTOGRAPHED BY:

Kristin Boster

LOCATION:

0990300001-LaSalle

Old LaSalle Dump

ILD984774950

COMMENTS: Photograph taken toward the north showing sample location X108

PHOTOGRAPH NUMBER: 16



SITE PHOTOGRAPHS

DATE: May 6, 1992

TIME:

9:30am - 4:30pm

PHOTOGRAPHED BY:

Kristin Boster

LOCATION:

0990300001-LaSalle
Old LaSalle Dump
ILD984774950

COMMENTS: Photograph taken
toward the northeast showing
sample location X109

PHOTOGRAPH NUMBER: 17



DATE: May 6, 1992

TIME:

9:30am - 4:30pm

PHOTOGRAPHED BY:

Kristin Boster

LOCATION:

0990300001-LaSalle
Old LaSalle Dump
ILD984774950

COMMENTS: Photograph taken
toward the northwest showing
sample location X109

PHOTOGRAPH NUMBER: 18



SITE PHOTOGRAPHS

DATE: May 6, 1992

TIME:

9:30am - 4:30pm

PHOTOGRAPHED BY:

Kristin Boster

LOCATION:

0990300001-LaSalle

Old LaSalle Dump

ILD984774950

COMMENTS: Photograph taken
toward the north showing
sample location X110

PHOTOGRAPH NUMBER: 19



DATE: May 6, 1992

TIME:

9:30am - 4:30pm

PHOTOGRAPHED BY:

Kristin Boster

LOCATION:

0990300001-LaSalle

Old LaSalle Dump

ILD984774950

COMMENTS: Photograph taken
toward the west showing
sample location X110

PHOTOGRAPH NUMBER: 20



SITE PHOTOGRAPHS

DATE: May 6, 1992

TIME:

9:30am - 4:30pm

PHOTOGRAPHED BY:

Kristin Boster

LOCATION:

0990300001-LaSalle

Old LaSalle Dump

ILD984774950

COMMENTS: Photograph taken
toward the east showing
sample location X111

PHOTOGRAPH NUMBER: 21



DATE: May 6, 1992

TIME:

9:30am - 4:30pm

PHOTOGRAPHED BY:

Kristin Boster

LOCATION:

0990300001-LaSalle

Old LaSalle Dump

ILD984774950

COMMENTS: Photograph taken
toward the southwest showing
sample location X111

PHOTOGRAPH NUMBER: 22



SITE PHOTOGRAPHS

DATE: May 6, 1992

TIME:

9:30am - 4:30pm

PHOTOGRAPHED BY:

Judy Triller

LOCATION:

0990300001-LaSalle

Old LaSalle Dump

ILD984774950

COMMENTS: Photograph taken toward the east showing sample location X112

PHOTOGRAPH NUMBER: 23



DATE: May 6, 1992

TIME:

9:30am - 4:30pm

PHOTOGRAPHED BY:

Kristin Boster

LOCATION:

0990300001-LaSalle

Old LaSalle Dump

ILD984774950

COMMENTS: Photograph taken toward the north showing sample location X113

PHOTOGRAPH NUMBER: 24



SITE PHOTOGRAPHS

DATE: May 6, 1992

TIME:

9:30am - 4:30pm

PHOTOGRAPHED BY:

Kristin Boster

LOCATION:

0990300001-LaSalle

Old LaSalle Dump

ILD984774950

COMMENTS: Photograph taken toward the northwest showing sample location X114

PHOTOGRAPH NUMBER: 25



DATE: May 6, 1992

TIME:

9:30am - 4:30pm

PHOTOGRAPHED BY:

Kristin Boster

LOCATION:

0990300001-LaSalle

Old LaSalle Dump

ILD984774950

COMMENTS: Photograph taken toward the northeast showing sample location X114

PHOTOGRAPH NUMBER: 26



SITE PHOTOGRAPHS

DATE: May 6, 1992

TIME:

9:30am - 4:30pm

PHOTOGRAPHED BY:

Kristin Boster

LOCATION:

0990300001-LaSalle

Old LaSalle Dump

ILD984774950

COMMENTS: Photograph taken
toward the north showing
sample location X115

PHOTOGRAPH NUMBER: 27



DATE: May 6, 1992

TIME:

9:30am - 4:30pm

PHOTOGRAPHED BY:

Kristin Boster

LOCATION:

0990300001-LaSalle

Old LaSalle Dump

ILD984774950

COMMENTS: Photograph taken
toward the north showing
sample location X101

PHOTOGRAPH NUMBER: 28



SITE PHOTOGRAPHS

DATE: May 6, 1992

TIME:
9:30am - 4:30pm

PHOTOGRAPHED BY:
Kristin Boster

LOCATION:
0990300001-LaSalle
Old LaSalle Dump
ILD984774950

COMMENTS: Photograph taken
toward the east showing
sample location X101

PHOTOGRAPH NUMBER: 29



DATE: May 5, 1992

TIME:
9:30am - 4:30pm

PHOTOGRAPHED BY:
Alan Kirwan

LOCATION:
0990300001-LaSalle
Old LaSalle Dump
ILD984774950

COMMENTS: Photograph taken
toward the south showing
site at center of photo

PHOTOGRAPH NUMBER: 30

